

ck 2136

BC Ministry of
Forests and Range

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Bridge Register

Structure Inventory Data Form

BRIDGES

STRUCTURAL DETAILS		
Number of Spans: 1		Needle Beams? ☒ Yes ☒ No
Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] 26.3	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage
Portable Superstructure Storage Location:		
*Bridge Length (metres): 27.5	*Superstructure: ☐ Compo Girders ☐ Concrete Box Beam ☐ Concrete Cast in Place ☐ Concrete I/T Beam ☐ Concrete Slab Girders ☐ Glulam Girder ☐ Log Stringer ☐ Other ☐ Rail Car ☐ Steel Box Beam ☒ Steel I-Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Treated Stringers ☐ Timber-Untreated Stringers	
*Deck Type: ☐ Concrete ☒ Concrete Composite ☐ Concrete Removable ☐ Gravel ☐ Other ☐ Steel ☐ Steel Free ☐ Timber-Treated ☐ Timber-Treated Panels ☐ Timber-Untreated ☐ Timber-Untreated Panels		*Deck Width (metres): 4.9
*Running Surface: ☐ Anti-Skid ☐ Asphalt ☒ Concrete ☐ Gravel ☐ N/A ☐ Timber Planks		
*Left Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☐ Crib, Log or Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☒ Steel Pipe & Precast Pat		*Right Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☐ Crib, Log or Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☒ Steel Pipe & Precast Pat
Comments: Camp Abutment (Right) 5 High Lock Blocks to return fill		

**Routine Condition Bridge Inspection Form**
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION			
Site # 2136		(enter either long/lat or UTM - not both)	
FSR Name Harrison West		Structure # CK 2136	
User km 31.1		Project File ID 6314	Branch 01
Longitude: (ddd / mm / ss.s) 121 54 01.2		OR	UTM Zone
Latitude: (ddd / mm / ss.s) 49 31 07.0		UTM Easting	UTM Northing
LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl.			
Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)	
Alignment	E G F <u>P</u>	CAMP approach on a sharp curve.	
Bridge Ahead Signs Missing	<u>0</u> 1 2		
Brushing Required	Yes <u>No</u>		
Delineator Missing Left	<u>0</u> 1 2		
Delineator Missing Right	<u>0</u> 1 2		
Fender Condition	E <u>G</u> F P None	No Post Bases	
Posted Load Rating (tonnes)	68,040 kg GVW		
Road Surface	E G F <u>P</u>	Potholes on both approaches damaged.	
LEFT/RIGHT ABUTMENTS (as seen facing downstream)			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Log/Timber Cribs	E G F P <u>N/A</u>		
Tie-backs	E G F P <u>N/A</u>		
Bin Wall	E G F P <u>N/A</u>		
Precast Concrete	E <u>G</u> F P N/A	Campside 5 High Lock Blocks to Retain Fill in front of abut.	
Caps or Sills	E <u>G</u> F P		
Piles or Posts	E <u>G</u> F P N/A	Pipe rises on spread footings	
Ballast Wall	E <u>G</u> F P	Concrete - Camp approach damaged due to loss of fill. Rebar Exposed	
Wing Wall	E G F P <u>N/A</u>		
Bracing	E <u>G</u> F P N/A		
Hardware	E <u>G</u> F P N/A		
Fill	E <u>G</u> F P		
Riprap	E <u>G</u> F P N/A	Camp Good. Wood bedrock controlled, no riprap.	
Bearings	E G <u>F</u> P	Rubble bearing. Bulging o/s Wood Pipe Riser	
Corrosion Protection	E <u>G</u> F P N/A		
Span 1 of 1 (spans are numbered consecutively starting from the left abutment)			
Use "Additional Spans" Sheet for Multiple Spans			
DECK			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Running Surface	E G <u>F</u> P	Truck Vehicle Damage on deck surface.	
Running Planks	E G F P <u>N/A</u>		
Sub-deck	E G F P <u>N/A</u>		
Ties	E G F P <u>N/A</u>		
Nails	E G F P <u>N/A</u>		
Deck to Girder Bolts	E G F P <u>N/A</u>		
Concrete Deck	E G <u>F</u> P N/A	Flaked @ Camp side, Camp o/s side of Panel	
Grout Pockets	E <u>G</u> F P N/A		
Deck Joints	E <u>G</u> F P N/A		
Anti-skid Surface	E G F P <u>N/A</u>		
Gravel Surface	E G F P <u>N/A</u>		
Curb Rail/Blocks/Posts	E G <u>F</u> P	o/s campside slightly damaged	
Handrails/Walkouts	E G F P <u>N/A</u>		
Hardware	E <u>G</u> F P N/A		
Overall Deck Condition	E <u>G</u> F P		

**Routine Condition Bridge Inspection Form**
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION			
Site # 2136		Structure # CL62136	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition 'Poor' is selected)	
Girders	E (G) F P		
Diaphragms	E G F P (N/A)		
Bracing	E (G) F P N/A		
Under-trussing	E G F P (N/A)		
Hardware	E (G) F P N/A		
Cracks/Checks in Glulam Girders	E G F P (N/A)		
Concrete	E G F P (N/A)		
Shear Connectors	E G F P (N/A)		
Grout Pockets	E G F P (N/A)		
CHANNEL			
Est. Present Water Level Depth (m) 0.4		Est. Present Water Level Width (m) 5	Est. High Water Level Clearance (m) 7.5
HAZARDS (circle yes or no for each item)			
High Water?	Yes (No)	Scour?	Yes (No)
Ice?	Yes (No)	Debris?	Yes (No)
Aggradation?	Yes (No)		
Comments			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H M (L)		Potholes at Approaches
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1	Damaged curb O/S Campside.		
2	Damaged Deck Panel O/S Campside @ Camp Abutment: see photo		
PHOTO LOG : CAMP = LEFT WOODS = RIGHT.			
Photo #	Description	Photo #	Description
	wood to camp		wood abutment
	Signage		camp abutment
	U/S		exposed rebar camp abutment
	O/S		exposed rebar camp bullet wall
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes (No)		P Eng Inspection Required? Yes (No)	Date of Inspection (yyyy/mm/dd) 2009-10-06
Inspection Company Name FRICKE ENGINEERING & CONSULTING LTD.		Inspector's Name (print) Ali Sadeghi	Inspector's Signature
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): CL625 (60t)		Date of Next Inspection	
Reviewer Company Name	Reviewed by - PEng's Name (print) L. Stevanovic	Reviewed by - PEng's Signature Digitally signed by L. Stevanovic Date: 2010.01.15 15:29:12 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments repair camp side abutment and potholes at approaches.			

camp abutment
wall abutment
Bulging rubber beam
wood O/S
From O/S
U/S wood side
at slope